

Oroville Facilities Relicensing Project

(FERC PROJECT NO. 2100)

OROVILLE FACILITIES RELICENSING (Project No. 2100)

STUDY PLAN REVIEW PROCESS FOR THE FEBRUARY 25, 2002 PLENARY GROUP MEETING

To The Plenary Group:

Thank you for a productive meeting last month! We wanted to re-affirm the Study Plan review process for the February 25, 2002 Plenary Group meeting. Our main focus remains on seeking Plenary Group review and approval of Critical Path Study Plans.

Study Plan Review at the February 2002 Plenary Group Meeting

1. **Consent Calendar (Part 1)** -- Our first action will be to seek approval of the Critical Path Study Plans that were placed on the consent calendar at the January 2002 Plenary Group meeting.
2. **Work Group Resolution of Heartburn Issues** – Next we will hear how the Work Groups addressed the “heartburn” issues raised at the last Plenary Group meeting and, as appropriate, move those Study Plans to Part 2 of the Consent Calendar for approval later that same day.
3. **Consent Calendar (Part 2)** – We will then seek approval of Critical Path Study Plans placed on Part 2 of the February Consent Calendar.
4. **Study Plan Heartburn Review** – Finally, we will review remaining Critical Path and Non-Critical Path Study Plans to: (a) identify which ones have heartburn issues, (b) then discuss and define the heartburn issues, and, (c) if time permits, try to resolve the heartburn issues. Remaining Study Plans for which there is no heartburn will be placed on the Consent Calendar for March 2002, or, if time permits and there is general agreement will be approved in February.

See below for a list of which Study Plans and where they’ll be looked at on the agenda.

Revised Study Plans

Some of the Study Plans have been revised since Preliminary Draft Study Plan Package was released in December. We mailed track-changed versions of revised Study Plans on February 15, 2002.

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Groundrules for Plenary Group Study Plan Review

To have as productive a meeting as possible, here are the groundrules for discussing Study Plans at the Plenary Group meeting.

- ***Heartburn Issues*** – Only raise “Can’t-Live-With-It” issues, not “Nice-to-Have” issues.
- ***Be Brief!*** -- We’re on a very tight timeframe, please raise your issues efficiently.
- ***Respect Work Group/Task Force Deliberations*** – The Work Groups and Task Forces have put countless hours into reaching agreement on these Study Plans please respect their judgments.
- ***Consensus, Not Unanimous Consent*** – We’re looking for a consensus, not unanimous consent.
- ***Work Groups Do Detailed/Technical Edits*** – Please leave detailed technical issues and text editing to the Work Groups.

As a reminder we’re on a very tight timeframe to get the Critical Path studies into the field in March 2002. We appreciate your hard work in reviewing the Study Plans for these meetings so we can be focused and productive.

Please feel free to call me with any questions or for clarification. Again thanks for your efforts and enjoy the reading!

Len Marino, P.E.
Project Lead
Oroville Facilities Relicensing Program
California Department of Water Resources
1416 Ninth Street, Suite 1655
PO Box 942836
Sacramento, CA 94236-0001
Office: 916-653-6271
FAX: 916-653-9295
lmarino@water.ca.gov

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LIST OF STUDY PLANS FOR FEBRUARY 25, 2002 PLENARY GROUP MEETING

February Plenary Review (Note: Critical Path Studies in Bold)

On Consent Calendar for February Meeting

| | |
|--------------|------------------------------------------------------------------------------------------------------------------------|
| SP-L1 | Land Use Study |
| SP-L4 | Aesthetic Impact Assessment |
| SP-R7 | Reservoir Boating Survey (Revisions mailed on 2/15) |
| SP-C1 | Cultural Resources Inventory |
| SP-E7 | Oroville Reservoir Cold Water Pool Evaluation (Revisions mailed on 2/15) |
| SP-T2 | Project Effects on Special Status Species |
| SP-T4 | Biodiversity, Vegetation Communities and Wildlife Habitat Mapping (Revisions mailed on 2/15) |
| SP-G1 | Effects of Project Operations on Geomorphic Processes Upstream of Oroville Dam (Revisions mailed on 2/15) |
| SP-G2 | Effects of Project Operations on Geomorphic Processes Downstream of Oroville Dam (Revisions mailed on 2/15) |

Ready for Plenary Approval Pending Work Group Report

| | |
|----------------|------------------------------------------------------------------------------------------------------|
| SP-R9 | Existing Recreation Use Study (Revisions mailed on 2/15) |
| SP-R18 | Recreation Activity, Spending, and Associated Economic Impacts (Revisions mailed on 2/15) |
| SP-E1 | Model Development (Revisions mailed on 2/15) |
| SP-E1.1 | Statewide Operations Model Development (Revisions mailed on 2/15) |
| SP-E1.2 | Local Operations Model Development (Revisions mailed on 2/15) |

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| SP-E1.3 | Oroville Reservoir Temperature Model Development (Revisions mailed on 2/15) |
| SP-E1.4 | Thermalito Complex Temperature Model Development (Revisions mailed on 2/15) |
| SP-E1.5 | Feather River Temperature Model Development (Revisions mailed on 2/15) |
| SP-E1.6 | Feather River Flow-Stage Model Development (Revisions mailed on 2/15) |
| SP-E6 | Downstream Extent of Reasonable Control of Feather River Temperature by Oroville-Thermalito (Revisions mailed on 2/15) |
| SP-W1 | Project Effects on Water Quality Designated Beneficial Uses for Surface Water (Revisions mailed on 2/15) |
| SP-W6 | Project Effects on Temperature Regime (Revisions mailed on 2/15) |

Ready for Plenary Hearburn Identification

| | |
|---------------|----------------------------------------------------------------|
| SP-R13 | Recreation Surveys (Revisions mailed on 2/15) |
| SP-L2 | Land Management Study |
| SP-L3 | Comprehensive Plan Consistency |
| SP-L5 | Fuel Load Management |
| SP-R1 | Public and Private Vehicular Access |
| SP-R2 | Recreation Safety Assessment |
| SP-R3 | Assess Relationship of Project Operations and Recreation |
| SP-R4 | Assess Relationship of Fish/Wildlife Management and Recreation |
| SP-R5 | Assess Recreation Areas Management |
| SP-R6 | ADA Accessibility Assessment |
| SP-R8 | Carrying Capacity Study |
| SP-R10 | Recreation Facility and Condition Inventory |
| SP-R11 | Recreation And Public Use Impact Assessment |
| SP-R12 | Projected Recreation Use |
| SP-R14 | Assess Regional Recreation and Barriers to Recreation |

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| SP-R15 | Recreation Suitability Study |
| SP-R16 | Whitewater and River Boating |
| SP-R19 | Fiscal Impacts |
| SP-C2 | Cultural Resources Evaluation |
| SP-C3 | Cultural Resources Management |
| SP-C4 | Cultural Interpretation & Education Assistance |
| SP-E2 | Perform Modeling Simulations (Revisions mailed 2/15) |
| SP-E3 | Evaluate the Potential for Additional Hydropower Generation at Oroville |
| SP-E4 | Flood Management Study |
| SP-E8 | Temperature Impacts of Pumpback Operation on Oroville Reservoir Cold Water Pool |
| SP-W3 | Recreational Facilities and Operations Effects on Water Quality |
| SP-W7 | Land and Watershed Management |
| SP-T1 | Effects of Project Features and Operation on Wildlife and Wildlife Habitat |
| SP-T7 | Project Effects on Noxious Terrestrial and Aquatic Plant Species |
| SP-T9 | Recreation and Wildlife |
| SP-F16 | Evaluation of Project Effects on Instream Flows and Fish Habitat |

Study Plan Not Ready for Plenary Review

| | |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| SP-R17 | Recreation Needs Analysis |
| SP-W2 | Contaminant Accumulation in Sediments and Aquatic Food Chain (Work Discussions Underway, Anticipated Plenary Approval In March) |
| SP-W4 | Hatchery Effects on Water Quality |
| SP-W5 | Project Effects on Groundwater |
| SP-W9 | Project Effects on Natural Protective Processes |
| SP-W10 | <i>(Cumulative Water Quality Effects -- Pending Further Discussion of Cumulative Effects)</i> |
| SP-G3 | <i>(Cumulative Geomorphic Effects -- Pending Further Discussion of Cumulative Effects)</i> |

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| SP-T3/5 | Riparian Resources, Wetlands, and associated floodplains |
| SP-T6 | Interagency Wildlife Management Coordination and Wildlife Management Plan Development |
| SP-T8 | Project Effects on Undesirable Non-Native Wildlife |
| SP-T10 | Effects of Project Features, Operations, and Maintenance on Upland Plant Communities |
| SP-T11 | Fire Prevention/Fuel Load Control |
| SP-F1 | Evaluating the Impacts of Project Operation on Non-fish Aquatic Resources |
| SP-F9 | Hatchery Effects on Salmonids |
| SP-F2 | Evaluation of Project Effects on Fish Diseases |
| SP-F3.1 | Evaluation of Project Effects on Resident Fish and Their Habitat within Lake Oroville, its Upstream Tributaries, the Thermalito Complex, and the Oroville Wildlife Area |
| SP-F3.2 | Evaluation of Project Effects on Resident Fish and Their Habitat in the Feather River Downstream of the Fish Barrier Dam |
| SP-F4 | Evaluation of Project Effects on Fish Passage Upstream of Lake Oroville |
| SP-F5 | Project Effect of FERC Project Fisheries Management Plans on a Balanced Fishery of Resident and Anadromous Fish and Their Habitats |
| SP-F8 | Transfer of Energy and Nutrients by Anadromous Fish Migrations |
| SP-F10 | Evaluation of Project Effects on Anadromous Salmonids and their Habitat |
| SP-F12 | <i>(Cumulative Impacts -- Pending Further Discussion of Cumulative Effects)</i> |
| SP-F13 | <i>(Effects on CA Special Status and ESA Species – Pending Further Work Group Review)</i> |
| SP-F15 | Evaluation of the Feasibility to Provide Passage for Anadromous Salmonids Past Oroville Facility Dams |
| SP-F21 | Project Effects on Predation of Feather River Juvenile Anadromous Salmonids |